

Scout Report sent out



Noted in the NID File



Location map pinned



Approval or Disapproval Letter



Date Completed, P. & A. or  
operations suspended

10-6-1

Pin changed on location map



Affidavit and Record of A & P



Water Shut-Off Test



Gas-Oil Ratio Test



Water Sampling Test



# FILE NOTATIONS

Entered in NID File  
 Entered On S R Sheet  
 Location Map Pinned  
 Card Indexed  
 I W R for State or Fee Land

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Checked by Chief  
 Copy NID to Field Office  
 Approval Letter  
 Disapproval Letter

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## COMPLETION DATA:

Date Well Completed 1-9-60  
 OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_  
 GW \_\_\_\_\_ OS \_\_\_\_\_ PA X

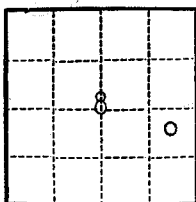
Location Inspected  
 Bond released  
 State of Fee Land

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

DEI s Log 2-17-60 LOGS FILED

Electronic Logs (No. 1)

E \_\_\_\_\_ I \_\_\_\_\_ E-I (20) GR \_\_\_\_\_  
 Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic ✓ GR-N \_\_\_\_\_ Micro \_\_\_\_\_  
 Others \_\_\_\_\_



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.  
Approval expires 12-31-50

Land Office \_\_\_\_\_  
Lease No. U-04985  
Unit \_\_\_\_\_

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 12, 1959, 19.....

Government-Fehr & Lyon

Well No. 3 is located 1980 ft. from N line and 660 ft. from E line of sec. 8

NESE Section 8      40S      21E      SLM  
(4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)  
Wildcat      San Juan      Utah  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft. 4627.7' ungraded ground

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Rotary drilling equipment will be used to drill to approximately 5300' in the Paradox Salt. Surface casing: Approximately 200' of 8-5/8" OD casing cemented to the surface. Oil String: Required amount of 4 1/2" OD or 2-7/8" OD casing cemented with required amount of cement. Drill stem tests: All oil and gas shows will be tested. Mud Program: Conventional gel mud. Electric logs etc will be run before setting casing or abandonment. Stimulation treatments such as acidizing or hydraulic fracturing may be employed in completion.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company  
Production Department  
Address Box 3082  
Durango, Colorado  
By B M Bradley  
B M Bradley  
Title District Superintendent

COMPANY THE CARTER OIL COMPANY

Well Name & No. GOVERNMENT-FEHR-LION # 3

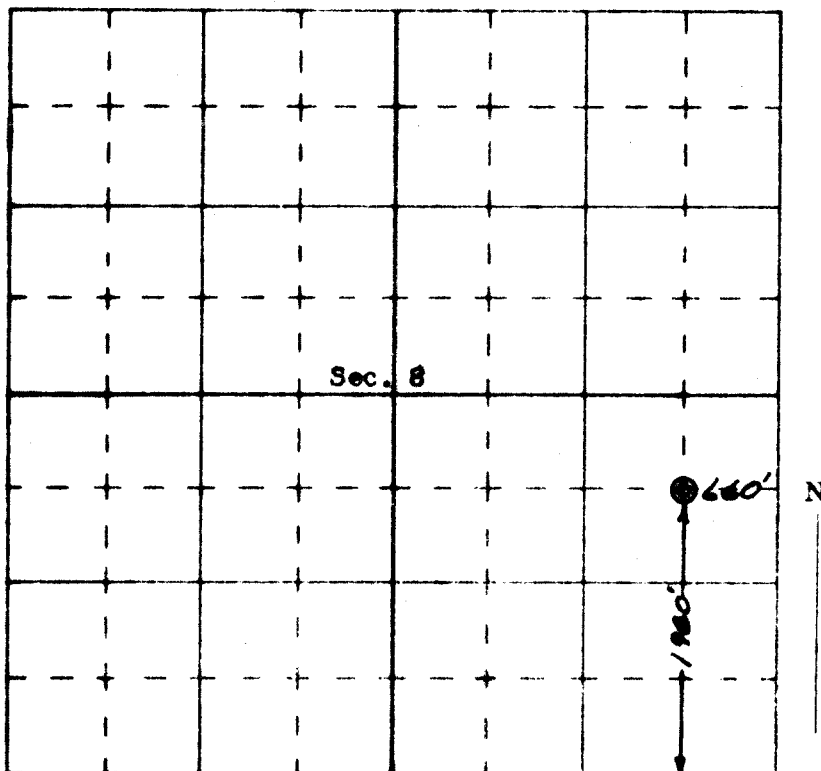
Lease No.

Location 1980' FROM THE SOUTH LINE & 660' FROM THE EAST LINE

Being in CENTER NE SE

Sec. 8, T 40 S, R. 21 E, S.L.M., San Juan County, Utah

Ground Elevation 4627.7' ungraded ground



Scale -- 4 inches equals 1 mile

Surveyed 25 October

19 59

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

*James P. Leese*

Registered Land Surveyor.

James P. Leese

Utah Reg. No. 1472

SAN JUAN ENGINEERING CO., FARMINGTON, NEW MEXICO

## LEASE PLAT &amp; PIPE LINE DATA

DIV. NO. \_\_\_\_\_ BLOCK NAME \_\_\_\_\_ LEASE NO. \_\_\_\_\_

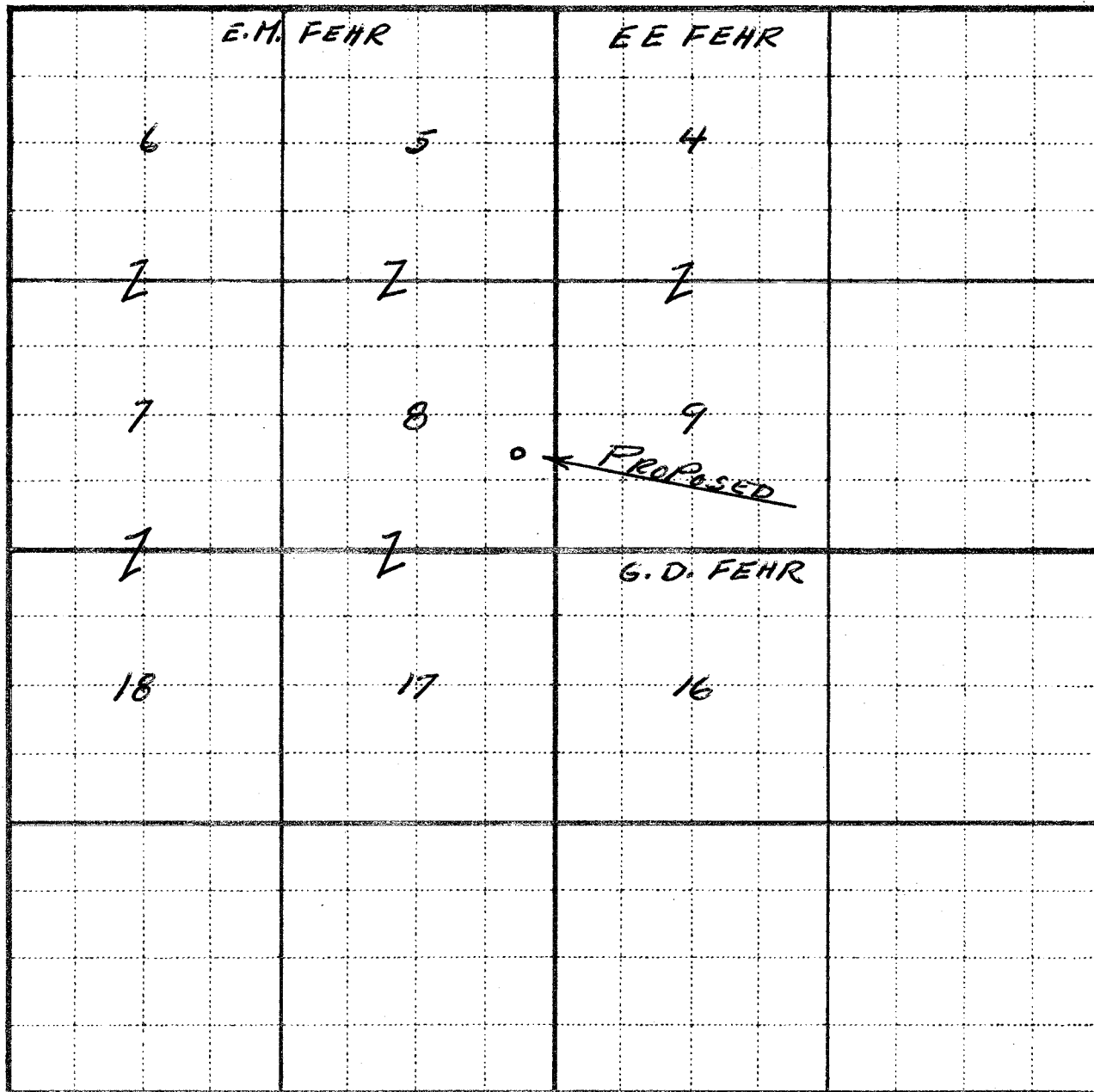
LESSOR \_\_\_\_\_

TOTAL ACCUMULATED INTEREST \_\_\_\_\_

STATE UTAH COUNTY SAN JUAN SEC 8 T 40S R 21E ACRES \_\_\_\_\_

DESCRIPTION AND INTEREST: \_\_\_\_\_

THE CARTER Oil Co.  
PROPOSED LOCATION  
GOVT-FEHR & LYON #3



IF USED FOR PIPE LINE DIAGRAM — PLEASE SUPPLY THE FOLLOWING INFORMATION

Total Length and Size of Pipe Laid \_\_\_\_\_ Pipe Transferred From \_\_\_\_\_  
 Total Length and Size of Pipe Taken Up \_\_\_\_\_ Pipe Transferred to \_\_\_\_\_  
 Depth Buried \_\_\_\_\_ Painted \_\_\_\_\_ Screw, Welded or Coupled \_\_\_\_\_ List Fittings (on back of this sheet if necessary)  
 Date \_\_\_\_\_ District \_\_\_\_\_ Farm or Plant \_\_\_\_\_  
 Signed \_\_\_\_\_  
 (Mail to Engineering Department - Tulsa)

When used as 1/4" Section Scale, 1" = 400'

When used as Section Scale, 1" = 800'

When used as 4 Sections Scale, 1" = 1600'

Place check mark after scale used.

Plat made by \_\_\_\_\_ Date \_\_\_\_\_

1/2" Base Map \_\_\_\_\_ Date \_\_\_\_\_

Plat Book (Pend.) \_\_\_\_\_ Date \_\_\_\_\_ (Comp.) \_\_\_\_\_ Date \_\_\_\_\_

Block Map (Pend.) \_\_\_\_\_ Date \_\_\_\_\_ (Comp.) \_\_\_\_\_ Date \_\_\_\_\_

Block Map Tr. (Pend.) \_\_\_\_\_ Date \_\_\_\_\_ (Comp.) \_\_\_\_\_ Date \_\_\_\_\_

November 13, 1959

The Carter Oil Company  
Production Department  
P. O. Box 3082  
Durango, Colorado

Attention: Mr. B. M. Bradley,  
District Superintendent

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Government-Fehr & Lyon 3, which is to be located 1980 feet from the south line and 660 feet from the east line of Section 8, Township 40 South, Range 21 East, SEBM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
EXECUTIVE SECRETARY

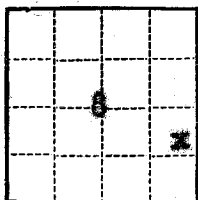
CBF:cp

cc: P. T. McGrath, Dist. Eng.  
U. S. Geological Survey  
Farmington, New Mexico









(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office \_\_\_\_\_  
Lease No. U-01985-A  
Unit Gov't-Fehr-Lyon

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<u>Casing Report</u>	<u>XX</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 16, 1960  
Government-Fehr-Lyon  
Well No. 3 is located 1980 ft. from XXI line and 660 ft. from [E] line of sec. 8  
XXI  
NE SE Section 8 LOS 21E SLM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4638 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 12-6-59.

Ran 33' of 13-3/8" Conductor Casing and set at 35'. Cemented with 30 sacks cement.

Ran 7 jts., 215' of 8-5/8" OD J-55 Surface Casing and set at 227'. Cemented with 165 sacks cement to surface.

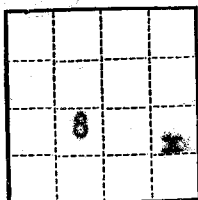
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Humble Oil & Refining Company - Carter Division

Address P. O. Box 3082  
Durango, Colorado

COPY (ORIGINAL SIGNED) B. M. BRADLEY

By \_\_\_\_\_  
B. M. Bradley  
Title Dist. Supt.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R3584.  
Approval expires 12-31-60

Land Office

Lease No. U-04985-A

Unit Gov't-Fehr-Lyon

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<b>XX</b>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 18, 1960

Government-Fehr-Lyon

Well No. 3 is located 1980 ft. from XX line and 660 ft. from E line of sec. 8

NE SE Section 8 40S 21E SLM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4630 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD 5471'. It is intended to plug and abandon well as follows:

To place cement plugs:

5471-5371' with 23 sacks.

5300-5100' with 46 sacks.

4250-4150' with 23 sacks.

1150-1000' with 35 sacks.

250-200' with 20 sacks.

30' to surface with 15 sacks.

To erect a 4" dry hole marker extending 4' above ground level. To fill pits and clean location.

Verbal approval for above from Mr. Jerry Long to Mr. H. L. Farris on 1-8-60.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

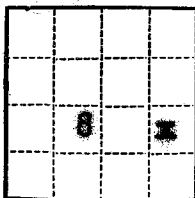
Company Humble Oil & Refining Company - Carter Division

Address P. O. Box 3082

Durango, Colorado

By **COPY (ORIGINAL SIGNED) B. M. BRADLEY**

Title B. M. Bradley  
Dist. Supt.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYLand Office \_\_\_\_\_  
Lease No. U-01985-1  
Unit Gov't-Fehr-Iyon

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	<b>XX</b>
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Gov't-Fehr-Iyon \_\_\_\_\_ February 4, \_\_\_\_\_, 19 60

Well No. 3 is located 1980 ft. from ~~NE~~  
S line and 660 ft. from ~~E~~  
SE line of sec. 8NE SE Section 8  
( $\frac{1}{4}$  Sec. and Sec. No.)40S  
(Twp.)21E  
(Range)S1M  
(Meridian)Wildcat  
(Field)San Juan  
(County or Subdivision)Utah  
(State or Territory)The elevation of the derrick floor above sea level is 4638 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD 5471'.

Well has been plugged and abandoned as follows:

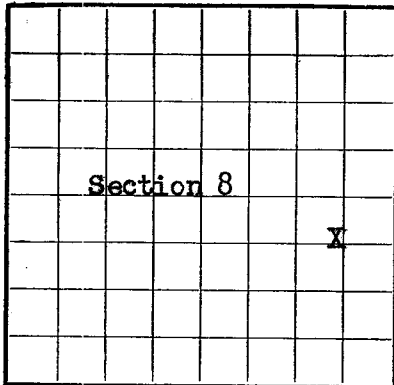
Cement plugs: 5471-5371' - 23 sacks  
5300-5100' - 46 sacks  
4250-4150' - 23 sacks  
1150-1000' - 35 sacks  
250-200' - 20 sacks  
30' to surface with 15 sacks.Intervals between cement plugs filled with mud. A  $\frac{1}{4}$ " dry hole marker extending 4' above ground level cemented into top of casing, pits filled, location cleaned and ready for inspection.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Humble Oil & Refining Company - Carter DivisionAddress P. O. Box 3082,Durango, ColoradoCOPY (ORIGINAL SIGNED) **D. M. BRADLEY**

By \_\_\_\_\_

Title B. M. Bradley  
Dist. Supt.



# STATE OF UTAH OIL & GAS CONSERVATION COMMISSION

State Capitol Building  
Salt Lake City 14, Utah

To be kept Confidential until \_\_\_\_\_  
(Not to exceed 4 months after filing date)

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Humble Oil & Refining Company

Operating Company Carter Division Address P. O. Box 3082, Durango, Colorado

Lease or Tract Gov't-Fehr-Lyon Field Wildcat State Utah

Well No. 3 Sec. 8 T. 40S R. 21E Meridian SIM County San Juan

Location 1980 ft. N. of S Line and 660 ft. EX of E Line of Section 8 Elevation 4638  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed B. M. Bradley  
B. M. Bradley  
Title Dist. Supt.

Date February 12, 1960

The summary on this page is for the condition of the well at above date.

Commenced drilling December 6, 1959 Finished drilling D & A January 9, 1960

### OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

### IMPORTANT WATER SANDS

No. 1, from None to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

### CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8	48	8	H-40	33	None	None			
8-5/8	24	8	J-55	215	Baker	None			

### MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	38	30	Halliburton	-	-
8-5/8	227	165	Halliburton	-	-

MARK

## PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material ..... Size .....

## SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

## TOOLS USED

Rotary tools were used from Surface feet to 5471 feet, and from ..... feet to ..... feetCable tools were used from None feet to ..... feet, and from ..... feet to ..... feet

## DATES

February 12, ..... 19 60 Put to producing D. & A January 9, ..... 19 60

The production for the first 24 hours was ..... barrels of fluid of which .....% was oil; .....% emulsion; .....% water; and .....% sediment. Gravity, °Bé. ....

If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. ....

## EMPLOYEES

....., Driller ..... , Driller

....., Driller ..... , Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
100	1050	950	Navajo Formation.
1050	2090	1040	Chinle Formation.
2090	2157	67	Cutler Formation.
2157	4181	2024	DeChelly Formation.
4181	5262	1080	Hermosa Formation.
5261	5464	203	Paradox Formation.
5464	5471	7	Salt.

[OVER]

At the end of complete Driller's Log, add Geologic Tops. State whether from Electric Logs or samples.

FEB 17 1960

## HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

CORE #1: 5,175-5,214'. Recovered 39'. 28' Limestone, fair to good pinpoint porosity, fair vugular porosity, no show. 5' Limestone, tight, no show. 3' Dolomite, trace of pinpoint porosity, no show. 3' Dolomite, tight, no show.

DST #1: 5,134-5,175'. Tool open 2 hours. Open with strong blow, then strong but intermitting throughout test. Recovered 180' gas, 3' free oil, 10' highly oil & gas cut mud. IHP 2475#; ISPP 1680#; in 1 hour; IFP 110#; FFP 125#; FSIP 1190# in 2 hours; FHP 2490#.

DST #2: 5,133-5,224'. Tool open 1 hour. Opened with fair blow, decreased to dead in 42 minutes. Recovered 178' mud, 30' slightly gas cut mud. IPH 2430#; ISIP 1900# in 30 minutes; IFP 65#; FFP 80#; FSIP 1725# in 1 hour; FHP 2430#.

TD 5,471'. Well plugged and abandoned on January 9, 1960 as follows:  
5471-5371' with 23 sacks cement; 5300-5100' with 46 sacks cement;  
4250-4150' with 23 sacks cement; 1150-1000' with 35 sacks cement;  
250-200' with 20 sacks cement and 30' to surface with 15 sacks cement.  
Intervals between cement plugs filled with mud. A 4" dry hole marker extending 4' above ground level placed in cement in top of casing.